

ABSTRACT

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An ink cartridge for a printing apparatus providing ink to a print head through a tapered ink supply needle and removably attached to the print head. The ink cartridge comprises an ink chamber for containing ink, an ink supply port, a packing member and a valve device. The ink supply port supplies ink from the ink chamber to the print head of the printing apparatus, the ink supply port comprising an external opening. The packing member is provided in the ink supply port and forms an ink channel for allowing a flow of ink. The packing member seals the ink supply needle of the printing apparatus by fitting therewith. The valve device is contained in the ink supply port and elastically abuts against the packing member. The valve device selectively opens and closes the ink channel in conjunction with the ink supply needle.

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